

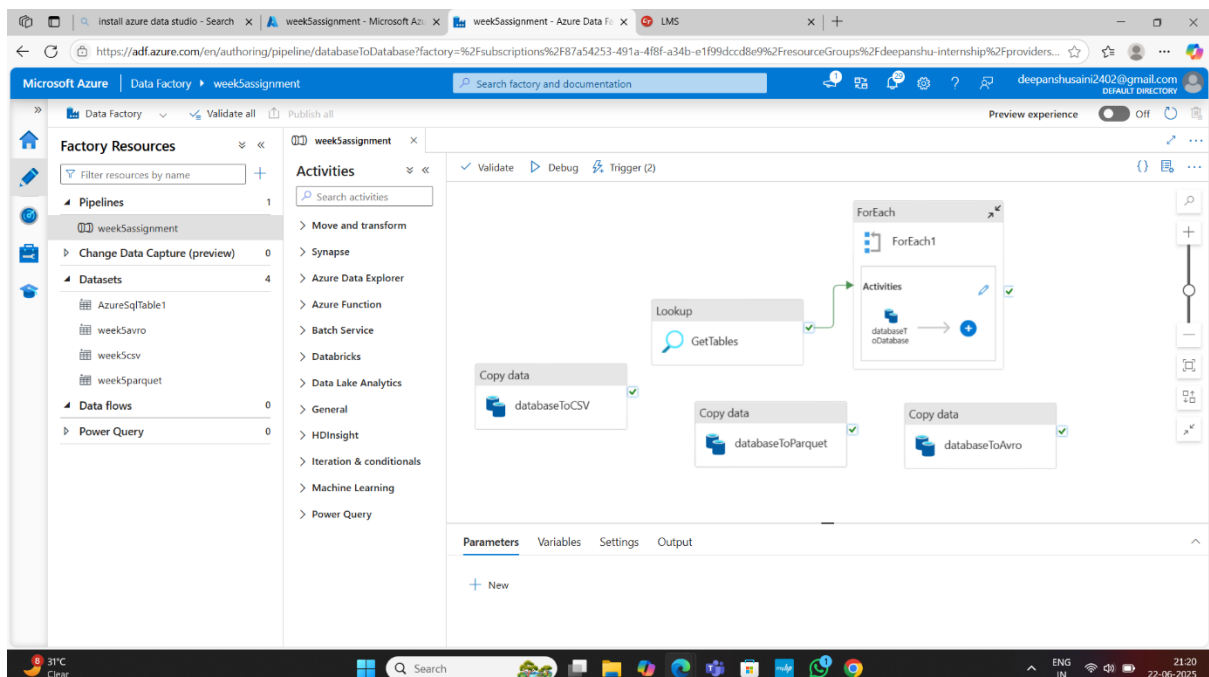
# CELEBAL TECHNOLOGIES PVT. LTD.

## ASSIGNMENT

### WEEK 5

#### Tasks Achieved:

- Copying data from Database to CSV.
- Copying data from Database to Avro.
- Copying data from Database to Parquet.
- Selectively copying data from Database to Database.
- Scheduled running using Schedule Based Trigger.
- Event based Trigger Automation.



*Pipeline*

Microsoft Azure | Data Factory | weekSassignment

Search factory and documentation

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Pipeline runs

Triggered Debug Rerun Cancel options Refresh Edit columns List Gantt

Filter by run ID or name Chennai, Kolkata, Mu... Last 24 hours Pipeline name: weekSassignment Status: All

Runs: Latest runs Triggered by: All Add filter

Pipeline name	Run start	Run end	Duration	Triggered by	Status	Run	Parameters
weekSassignment	6/23/2025, 12:00:01 PM	6/23/2025, 12:01:23 PM	1m 23s	scheduledRunning	Succeeded	Original	
weekSassignment	6/23/2025, 11:00:01 AM	6/23/2025, 11:00:23 AM	23s	scheduledRunning	Succeeded	Original	
weekSassignment	6/23/2025, 10:37:49 AM	6/23/2025, 10:38:09 AM	20s	Manual trigger	Succeeded	Original	
weekSassignment	6/23/2025, 10:30:02 AM	6/23/2025, 10:30:26 AM	25s	tumblingWindowTrig...	Succeeded	Original	
weekSassignment	6/23/2025, 10:00:00 AM	6/23/2025, 10:01:06 AM	1m 7s	scheduledRunning	Succeeded	Original	
weekSassignment	6/23/2025, 9:30:03 AM	6/23/2025, 9:31:14 AM	1m 12s	tumblingWindowTrig...	Succeeded	Original	
weekSassignment	6/23/2025, 9:00:01 AM	6/23/2025, 9:01:48 AM	1m 48s	scheduledRunning	Succeeded	Original	
weekSassignment	6/23/2025, 8:30:02 AM	6/23/2025, 8:31:02 AM	1m 1s	tumblingWindowTrig...	Succeeded	Original	
weekSassignment	6/23/2025, 8:00:01 AM	6/23/2025, 8:01:22 AM	1m 21s	scheduledRunning	Succeeded	Original	
weekSassignment	6/23/2025, 7:30:01 AM	6/23/2025, 7:31:05 AM	1m 4s	tumblingWindowTrig...	Succeeded	Original	
weekSassignment	6/23/2025, 7:00:00 AM	6/23/2025, 7:02:04 AM	2m 4s	scheduledRunning	Succeeded	Original	
weekSassignment	6/23/2025, 6:30:04 AM	6/23/2025, 6:31:07 AM	1m 4s	tumblingWindowTrig...	Succeeded	Original	
weekSassignment	6/23/2025, 6:00:01 AM	6/23/2025, 6:01:00 AM	1m 0s	scheduledRunning	Succeeded	Original	
weekSassignment	6/23/2025, 5:30:02 AM	6/23/2025, 5:31:00 AM	58s	tumblingWindowTrig...	Succeeded	Original	
weekSassignment	6/23/2025, 5:00:01 AM	6/23/2025, 5:01:00 AM	1m 0s	scheduledRunning	Succeeded	Original	

## Pipeline Runs

Microsoft Azure | Data Factory | weekSassignment

Search factory and documentation

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Trigger runs

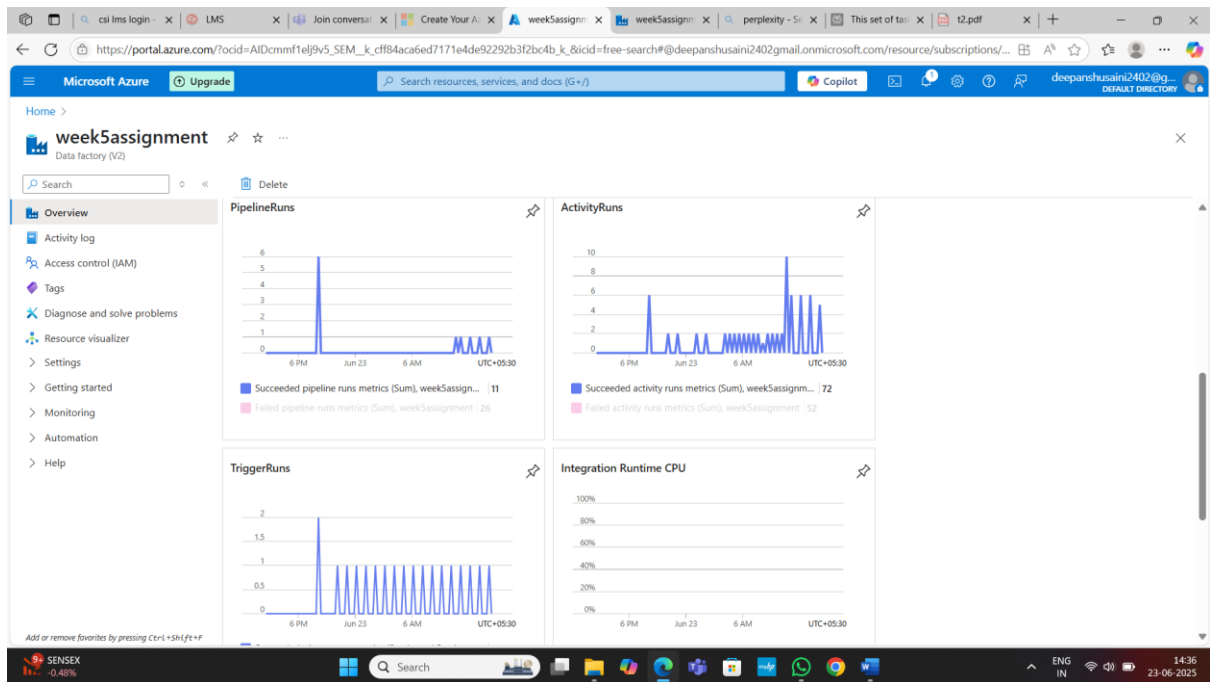
All Schedule Tumbling window Storage events Custom events Refresh Edit columns

Chennai, Kolkata, Mu... Last 24 hours Trigger name: All Status: All Runs: Latest runs

Export to CSV

Trigger name	Trigger type	Trigger time	Status	Pipelines	Run	Message	Properties	Run ID
scheduledRunning	Schedule trigger	6/23/2025, 11:00:00	Succeeded	2	Original			08584509502851...
tumblingWin...	Tumbling window...	6/23/2025, 10:30:00	Succeeded	1	Original			08584509556847...
scheduledRunning	Schedule trigger	6/23/2025, 10:00:00	Succeeded	1	Original			08584509538851...
tumblingWindow...	Tumbling window...	6/23/2025, 9:30:00	Succeeded	1	Original			08584509592851...
scheduledRunning	Schedule trigger	6/23/2025, 9:00:00	Succeeded	1	Original			08584509574848...
tumblingWindow...	Tumbling window...	6/23/2025, 8:30:00	Succeeded	1	Original			08584509628857...
scheduledRunning	Schedule trigger	6/23/2025, 8:00:00	Succeeded	1	Original			08584509610845...
tumblingWindow...	Tumbling window...	6/23/2025, 7:29:59	Succeeded	1	Original			08584509664848...
scheduledRunning	Schedule trigger	6/23/2025, 7:00:00	Succeeded	1	Original			08584509646852...
tumblingWindow...	Tumbling window...	6/23/2025, 6:30:00	Succeeded	1	Original			08584509700855...
scheduledRunning	Schedule trigger	6/23/2025, 6:00:00	Succeeded	1	Original			08584509682845...
tumblingWindow...	Tumbling window...	6/23/2025, 5:29:59	Succeeded	1	Original			08584509736849...
scheduledRunning	Schedule trigger	6/23/2025, 5:00:00	Succeeded	1	Original			08584509718850...
tumblingWindow...	Tumbling window...	6/23/2025, 4:30:00	Succeeded	1	Original			08584509996580...
scheduledRunning	Schedule trigger	6/23/2025, 3:59:59	Succeeded	1	Original			08584509754855...
scheduledRunning	Schedule trigger	6/23/2025, 3:00:00	Succeeded	1	Original			08584509790847...

## Trigger Runs



## Monitoring

Microsoft Azure | Upgrade | Search resources, services, and docs (G+J) | Copilot | deepanshusaini2402@g... | DEFAULT DIRECTORY

### output-csv

Container

Search | Upload | Add Directory | Refresh | Rename | Delete | Change tier | Acquire lease | Break lease | Give feedback

Authentication method: Access key (Switch to Microsoft Entra user account)

Location: output-csv

Search blobs by prefix (case-sensitive) | Show deleted objects

Name	Modified	Access tier	Archive status	Blob type	Size	Lease state
data_06b3e584-7539-423c-8bd0-b6c1a66b2d0f_...	6/23/2025, 12:00:53 ...	Hot (Inferred)		Block blob	9.14 KiB	Available ***
data_09a1224f-2580-4f86-b09c-d7888a352512_b...	6/23/2025, 10:37:11 ...	Hot (Inferred)		Block blob	9.14 KiB	Available ***
data_0d5846ff-e3dd-4649-9580-0359beb22210_...	6/23/2025, 10:38:04 ...	Hot (Inferred)		Block blob	9.14 KiB	Available ***
data_0fd2bcc-4d27-44c1-8a9d-6987074e68c3_4...	6/23/2025, 1:00:54 PM	Hot (Inferred)		Block blob	9.14 KiB	Available ***
data_2158b1cc-5b95-48ee-aff-255274a4daa8_0...	6/23/2025, 2:00:49 PM	Hot (Inferred)		Block blob	9.14 KiB	Available ***
data_647c63cb-86de-403a-9275-5c7e56730ac9_...	6/23/2025, 11:00:18 ...	Hot (Inferred)		Block blob	9.14 KiB	Available ***
data_a14f36e3-1305-4744-a87e-ccaf65547b93_9...	6/23/2025, 2:00:53 PM	Hot (Inferred)		Block blob	9.14 KiB	Available ***
data_dcd7f407-d128-4460-8672-09e74cfd5267_39...	6/23/2025, 12:01:04 ...	Hot (Inferred)		Block blob	9.14 KiB	Available ***
data_dd3a751a-514b-4cc4-b600-7ce490b1080_c...	6/23/2025, 11:00:16 ...	Hot (Inferred)		Block blob	9.14 KiB	Available ***
data_e3871a53-e6a8-4804-b783-6229ba7acd0e_...	6/23/2025, 1:00:59 PM	Hot (Inferred)		Block blob	9.14 KiB	Available ***
dbo.AirlineFlights.zip	6/22/2025, 8:00:17 PM	Hot (Inferred)		Block blob	2.73 KiB	Available ***

Add or remove favorites by pressing Ctrl+Shift+F

## Output-CSV

Microsoft Azure portal interface showing the 'output-parquet' container. The interface includes a search bar, navigation menu, and a table of blobs. The table columns are Name, Modified, Access tier, Archive status, Blob type, Size, and Lease state. The table lists 15 blobs, all of which are 6.29 KiB in size and have a 'Hot (Inferred)' access tier. The interface also shows the authentication method (Access key) and location (output-parquet).

Name	Modified	Access tier	Archive status	Blob type	Size	Lease state
data_03463d7b-a6d2-4d8a-b383-0c5627f8b1...	6/23/2025, 10:34:59 ...	Hot (Inferred)		Block blob	6.29 KiB	Available
data_174054d2-c046-4f39-9da8-38022112bc5...	6/23/2025, 4:30:57 AM	Hot (Inferred)		Block blob	6.29 KiB	Available
data_1b34cc0f-e5d9-44f3-874e-c5b12b14e3f0...	6/23/2025, 1:00:59 AM	Hot (Inferred)		Block blob	6.29 KiB	Available
data_1e037ea8-750b-4ce7-9525-7bdc7f20968...	6/23/2025, 9:01:01 AM	Hot (Inferred)		Block blob	6.29 KiB	Available
data_1ea67f4c-cf68-4259-9983-22b43529a69...	6/23/2025, 1:01:01 PM	Hot (Inferred)		Block blob	6.29 KiB	Available
data_35584c4c-a422-4325-b83a-4aa942cae6e...	6/23/2025, 2:01:02 AM	Hot (Inferred)		Block blob	6.29 KiB	Available
data_3f821303-604a-4429-8ce3-f54c42f1...	6/23/2025, 6:00:57 AM	Hot (Inferred)		Block blob	6.29 KiB	Available
data_41af78c2-af91-498f-ab26-dc0f3467e24...	6/23/2025, 7:31:00 AM	Hot (Inferred)		Block blob	6.29 KiB	Available
data_7889342a-8ebc-4c7f-9e93-5b5ea1a17a3...	6/23/2025, 2:00:51 PM	Hot (Inferred)		Block blob	6.29 KiB	Available
data_7af814a0-364f-4f3e-b600-f9d0f698c66...	6/23/2025, 10:38:05 ...	Hot (Inferred)		Block blob	6.29 KiB	Available
data_7f65c048-941a-48d9-8139-a1c3d93613c...	6/23/2025, 11:00:23 ...	Hot (Inferred)		Block blob	6.29 KiB	Available
data_8681169e-ce2a-40e4-b971-2463e73018...	6/23/2025, 7:00:56 AM	Hot (Inferred)		Block blob	6.29 KiB	Available
data_8a0f814d-705f-4e4c-921a-35f150a967ba...	6/23/2025, 6:31:02 AM	Hot (Inferred)		Block blob	6.29 KiB	Available

## Output-parquet

Microsoft Azure portal interface showing the 'output-avro' container. The interface includes a search bar, navigation menu, and a table of blobs. The table columns are Name, Modified, Access tier, Archive status, Blob type, Size, and Lease state. The table lists 15 blobs, all of which are 10.52 KiB in size and have a 'Hot (Inferred)' access tier. The interface also shows the authentication method (Access key) and location (output-avro).

Name	Modified	Access tier	Archive status	Blob type	Size	Lease state
data_10bbde66-d47a-4ab4-95f6-3d10952db9...	6/23/2025, 5:30:55 AM	Hot (Inferred)		Block blob	10.52 KiB	Available
data_24283be9-e143-4da1-b5c9-ec55050420...	6/23/2025, 10:34:57 ...	Hot (Inferred)		Block blob	10.52 KiB	Available
data_2b835b50-f64f-4346-9895-6764b85aa29...	6/22/2025, 8:00:17 PM	Hot (Inferred)		Block blob	10.52 KiB	Available
data_31ab50be-5a81-4912-a2fe-b35f70d36c1...	6/23/2025, 8:01:17 AM	Hot (Inferred)		Block blob	10.52 KiB	Available
data_32d8f7ee-bce7-430f-875d-160de9c9935...	6/23/2025, 4:30:59 AM	Hot (Inferred)		Block blob	10.52 KiB	Available
data_368dd2a4-727b-4659-aa58-9502faa100f...	6/23/2025, 5:00:50 AM	Hot (Inferred)		Block blob	10.52 KiB	Available
data_38c29d8d-a6d5-4465-995c-94c1d12012...	6/23/2025, 9:00:59 AM	Hot (Inferred)		Block blob	10.52 KiB	Available
data_30352043-8f33-4d14-bfda-f307151acec...	6/23/2025, 1:00:57 PM	Hot (Inferred)		Block blob	10.52 KiB	Available
data_6232f69e-acc0-482c-bdaf-7e5b0380bc14...	6/23/2025, 7:31:02 AM	Hot (Inferred)		Block blob	10.52 KiB	Available
data_627c68d4-95b7-4304-9f0d-629341ada68...	6/23/2025, 6:31:02 AM	Hot (Inferred)		Block blob	10.52 KiB	Available
data_69e2f747-9e08-481a-978e-5c5e109cdeb...	6/23/2025, 10:37:13 ...	Hot (Inferred)		Block blob	10.52 KiB	Available
data_719365e7-667f-47fd-a9e5-280baf2945d...	6/23/2025, 11:00:17 ...	Hot (Inferred)		Block blob	10.52 KiB	Available
data_7b887272-8c7a-4be7-9f6b-86fda3f3f612...	6/23/2025, 8:30:59 AM	Hot (Inferred)		Block blob	10.52 KiB	Available

## Output-avro

Microsoft Azure | Activity log

SQL database

Search

Activity | Edit columns | Refresh | Export Activity Logs | Download as CSV | Insights | Feedback | Pin current filters | Reset filters

Overview

Activity log

Tags

Diagnose and solve problems

Query editor (preview)

Mirror database in Fabric (preview)

Resource visualizer

Settings

Data management

Integrations

Power Platform

Security

Intelligent performance

Monitoring

Automation

Help

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Search

Quick Insights

Management Group: None | Subscription: Azure subscription 1 | Event severity: All | Timespan: Last 6 hours | Resource group: deepanshu-internship

Resource: deepanshu-internship/week5 | Add Filter

23 items.

Operation name	Status	Time	Time stamp	Subscription	Event initiated by
Pause Databases	Succeeded	18 minutes ...	Mon Jun 23...	Azure subscription 1	
Health Event Resolved	Resolved	38 minutes ...	Mon Jun 23...	Azure subscription 1	
Resume Databases	Succeeded	43 minutes ...	Mon Jun 23...	Azure subscription 1	
Pause Databases	Succeeded	an hour ago	Mon Jun 23...	Azure subscription 1	
Health Event Resolved	Resolved	2 hours ago	Mon Jun 23...	Azure subscription 1	
Resume Databases	Succeeded	2 hours ago	Mon Jun 23...	Azure subscription 1	
Pause Databases	Started	2 hours ago	Mon Jun 23...	Azure subscription 1	
Health Event Resolved	Resolved	3 hours ago	Mon Jun 23...	Azure subscription 1	
Resume Databases	Succeeded	3 hours ago	Mon Jun 23...	Azure subscription 1	
Pause Databases	Succeeded	3 hours ago	Mon Jun 23...	Azure subscription 1	

35°C Cloudy

Search

ENG IN

14:44

23-06-2025

*Output-database To Database*